

## Ordering Information

Catalog No.	Finishes	Track Mountings	Ballast Module	Lamp
83W4WH 83W4BK 83W4AL	Matte White Matte Black Metallic Aluminum	All Lytespan® Track Systems and Multi-point. PowerArc™ Modular canopies, extension wands, mounting brackets or pipe clamps. Not compatible with ProSpec® or ATOM®	Use one of: <b>83B20E 83B39E 83B70M</b> <b>83B39M 83B70SE</b> <b>83CY39E 83CY70E</b> <b>83B39LE 83B70E</b>	T4 or T4.5, G8.5 Base, Single Ended, Ceramic Metal Halide 70W Max.

## Features

- Housing:** .10" thick extruded aluminum body.
- Vertical Pivot:** 0 - 180° vertical adjustment.
- Horizontal Pivot:** Die cast track adapter with infinite rotation.
- Track Attachment Fitting:** Molded polycarbonate; rotates into track.
- Safety Lens:** Tempered 1/8" glass. Meets or exceeds U.L. safety requirements for metal halide lamps.
- Lamp Cartridge:** Die cast aluminum. Allows easy side relamping without removal of lens.
- Power Connector:** 5kv rated with insulated pins. Connects to ballast module. Keyed for polarity.
- End Caps:** Die cast aluminum.
- Lampholder:** (not shown) G8.5 base, 5kv pulse rated. High temperature ceramic body.

## Accessories

83EW18WH, BK, AL	18" Extension Wand	} Compatible with 83B39LE, 83B70E and magnetic ballasts only
83EW48WH, BK, AL	48" Extension Wand	
83EC72WH, BK	6' Extension Cord	
83PCWH, BK	Pipe Clamp	
83MPTWH, BK	Mounting Bracket	
22VZ4WH, BK, AL	Visor	

## Electrical

See ballast module spec sheet.

## Finish

All painted finishes are baked enamel.

## Labels

UL, cUL

## Job Information

### Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

Lightolier a Genlyte company

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

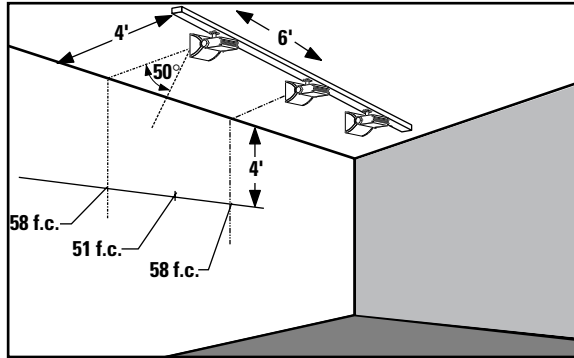
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## Lighting Data

### Footcandles on wall:



### Lamp Information:

70W CDM T4 Single Ended Metal Halide.

Initial Lumens: 6400

CRI: 83

Rated Avg. life: 6,000 - 9,000 hrs.

**EXAMPLE:** With track located 4' from wall and multiple units spaced 6' on center and aimed 50° from horizontal, the illumination on wall 4' from ceiling will be 58 f.c. beneath units and 51 f.c. between units.

## Footcandles on Wall

### Track 3 Feet From Wall

### Single Unit

		0'	1'	2'	3'	4'	5'
	Beam Center						
1'		150	125	56	18	8	4
2'		146	121	67	26	10	4
3'		86	75	51	27	12	5
4'		54	47	36	23	12	5
5'		35	32	25	18	10	5
6'		25	23	19	14	9	5
7'		18	17	14	11	8	5
8'		13	12	11	9	7	4
9'		10	9	8	7	6	4

### Multiple Units

4'	5'	6'
169 118 169	160 67 160	157 39 157
166 138 166	154 88 154	150 54 150
111 105 111	96 77 96	90 55 90
79 79 79	66 63 66	61 49 61
57 56 57	46 45 46	40 36 40
46 45 46	37 37 37	32 31 32
36 35 36	29 29 29	25 25 25
28 28 28	23 23 23	19 20 19
23 23 23	19 19 19	16 16 16

### Track 4 Feet From Wall

### Single Unit

		0'	1'	2'	3'	4'	5'
	Beam Center						
1'		66	61	39	17	5	1
2'		94	84	58	29	12	5
3'		72	66	49	30	15	7
4'		49	45	36	25	15	8
5'		34	31	26	20	13	8
6'		24	23	19	16	11	7
7'		18	17	15	13	10	7
8'		14	14	12	10	8	6
9'		11	11	10	8	7	5

### Multiple Units

4'	5'	6'
75 79 75	68 54 68	66 34 66
118 120 118	104 84 104	98 57 98
104 105 104	86 80 86	78 60 78
82 82 82	66 65 66	58 51 58
64 63 64	52 52 52	44 43 45
50 48 50	40 39 40	34 33 34
40 40 41	33 32 33	27 27 27
34 34 34	28 28 28	24 24 24
29 28 29	23 23 24	20 20 20

Footcandles are average and rounded off and data for multiple units are based on a minimum of five units.

For 20W: Multiply values by .25  
For 39W: Multiply values by .50

Rated Lamp Life 7,500 - 9,000 Hrs.  
Rated Lamp Life 9,000 - 10,000 Hrs.

## Job Information

## Type:

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